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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2008; month=7; day=16; hr=15; min=55; sec=27; ms=629;]

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Application No: 10576757

Version No: 2.0

Input Set:

Output Set:

Started: 2008-06-16 19:13:31.040

Finished: 2008-06-16 19:13:32.088

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 48 ms

Total Warnings: 24

Total Errors: 0

No. of SeqIDs Defined: 24

Actual SeqID Count: 24

Error code	Error Description
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Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Winter Sederoff, Heike
Huber, Steven C
Larabell, Carolyn A

<120> SYNTHETIC PEPTIDES THAT CAUSE F-ACTIN BUNDLING AND BLOCK ACTIN
DEPOLYMERIZATION

<130> JIB-1571

<140> 10576757

<141> 2008-06-16

<150> US 60/513,275

<151> 2003-10-20

<160> 24

<170> PatentIn version 3.5

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<212> PRT

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<223> synthetic consensus active Zea mays Sucrose Synthase (SuSy)
peptide

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<223> synthetic peptide derived from Drosophila melanogaster Actin 2
protein and Homo sapiens beta and gamma Actin proteins

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1 5 10 15

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<211> 15

<212> PRT

<213> Artificial

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<223> synthetic peptide derived from Drosophila melanogaster Actin 3,
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<210> 7

<211> 15

<212> PRT

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<211> 15

<212> PRT

<213> Artificial

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<223> synthetic peptide derived from Drosophila melanogaster ARP2

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<212> PRT

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<221> peptide

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Lys

<210> 10

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<212> PRT

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Lys Lys

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<223> replaced Tryptophan residue with Alanine

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1 5

<210> 15

<211> 19

<212> PRT

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Ser Lys Lys

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<211> 14

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<211> 8

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<223> synthetic small block of SS12 sequence required for less active synthetic

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<212> PRT

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<223> SP3 inactive synthetic peptide

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His Thr Phe Tyr
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<211> 15

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1 5

<210> 23

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Trp Ile Ser Arg Phe Glu Val Trp Pro Tyr Leu Lys Lys

1 5 10

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Glu Asn Gly Ile Val Arg Lys Trp Ile Ser Arg Phe Glu Val Trp Pro

1 5 10 15

Tyr Leu Lys Lys

20

